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PTO/SB/05 (11-00) Please type a plus sign (+) inside this box — + Approved for use through 10/31/2002, OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respo to a collection of information unless it displays a valid OMB control num UTILITY 5000-1-211 Attorney Docket No. PATENT APPLICATION First Inventor Young-Hoon JOO TRANSMITTAL Bidirectional WDM Add/Drop ... (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EL 806483192 US APPLICATION ELEMENTS Assistant Commissioner for Patents ADDRESS TO: Box Patent Application See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) 1. X CD-ROM or CD-R in duplicate, large table or t on original and a dupl Computer Program (Appendix) Applicant claims small entity status. 8 Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) critication [Total Pages 19 3. X Specification Computer Readable Form (CRF) - Descriptive title of the invention Specification Sequence Listing on: Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table. or a computer program listing appendix - Background of the Invention Statements verifying identity of above copies - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description 9 X Assignment Papers (cover sheet & document(s)) - Claim(e) 37 CFR 3 73(b) Statement Power of - Abstract of the Disclosure (when there is an assignee) Attorney 4. X Drawing(s) (35 U.S.C 113) [ Total Sheets 9 11. English Translation Document (if applicable) Copies of IDS Information Disclosure Citations 5. Oath or Declaration Executed [ Total Pages | 2 12. Statement (IDS)/PTO-1449 Newly executed (original or copy) Copy from a pnor application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) 13 Preliminary Amendment 14 X Return Receipt Posical u (im L. (Should be specifically itemized) Return Receipt Postcard (MPEP 503) DELETION OF INVENTOR(S) 15. X Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR Request and Certification under 35 U.S.C. 122 1 63(d)(2) and 1 33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet See 37 CFR 1 76 Other 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional of pnor application No \_ Group Art Unit For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied und Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Labor Correspondence address below Name Address City State Zip Code Country Telephone Fav Steve Cha Name (Print/Type) Registration No. (Attorney/Agent) 44,069

Burden Hour Statement. This form is estimated to take 0.2 hours the amount of time you are required to complete this form should complete. Time will vary depending upon the needs of the individual case. Any comments Description of the amount of time you are regarded to complete this form finded be sent to the Christ Index for Christ Index or the amount of time you are regarded to complete this form finded be sent to the Christ Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Date

Sept. 20, 2001



INDEXESSIBLE

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\*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\*\*or number previously paid, if greater, For Reissues, see abo

(\$) 710.00

		PTO/SB/17 (11-00)
	Approved for use through 10/31/20	02 OMB 0651-003
JS	Patent and Trademark Office, U.S. DEPARTMEN	NT OF COMMERCE

FEE TRANSMITTAL			complete if Known					
I I LEE I KANSIVIII I A	느	App	licatio	on Nur	nber			
for FY 2001		Film	Filing Date			September 20, 2001		
101 F1 2001		First	First Named Inventor		ventor	Young-Hoon JOO		
Patent fees are subject to annual revision		Exa	Examiner Name		9			
The state of the s		Gro	Group Art Unit					
TOTAL AMOUNT OF PAYMENT (\$) 750.00			Attorney Docket No 5000-1-211			5000-1-211		
METHOD OF PAYMENT	Г	FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to charge	3. /	DDIT	TION					
Indicated fees and credit any overpayments to Deposit	ı	Larg	30	Sm	ali			
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Account Name KLAUBER & JACKSON	105	130	205	65	Surcha	rge - late filing fee or oath		
X Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17	127	50	227	25	Surcha cover s	rge - late provisional filing fee or heet		
Applicant claims small entity status	139	130	139	130	Non-Er	iglish specification		
See 37 CFR 1.27  2. X Payment Enclosed:	147	2,520	147	2,520	For filir	ng a request for ex parte reexamination		
S Check C Credit card Money	112	920*	112	920*	Reques	sting publication of SIR prior to er action		
FEE CALCULATION		3 1,840* 113 1,840* Requesting publication of SIR after Examiner action						
	115	110	215	55		er action on for reply within first month		
BASIC FILING FEE     Large Entity Small Entity	116	390	216			on for reply within second month		
Fee Fee Fee Fee Description	117	890	217	445		on for reply within third month		
Code (\$) Code (\$) Fee Paid  101 710 201 355 Utility filling fee 7710 00	118	1,390	218	695		on for reply within fourth month		
106 320 206 160 Design filing fee 710.00	128	1,890	228	945	Extensi	on for reply within fifth month		
107 490 207 245 Plant filling fee	119	310	219	155		of Appeal		
108 710 208 355 Reissue filing fee	120	310	220	155		brief in support of an appeal		
114 150 214 75 Provisional filing fee	121	270	221	135	Reques	t for oral hearing		
SUBTOTAL (1) (\$) 710.00	138	1,510	138	1,510	Petition	to institute a public use proceeding		
2. EXTRA CLAIM FEES	140	110	240	55	Petition	to revive - unavoidable		
Fee from			241	620	Petition	to revive - unintentional		
Total Claims 9 -20** = 0 x		1,240		620		sue fee (or reissue)		
Independent 2 2** - 10	143	440	243	220	-	issue fee		
Claims L3 - U X	122	130	122	300 130	Plant is			
	123	50	123	50		s to the Commissioner		
Large Entity Small Entity		180		180		sing fee under 37 CFR 1 17(q) sion of Information Disclosure Stmt		
Fee Fee Fee Fee Description Code (\$) Code (\$)	126						40.00	
103 18 203 9 Claims in excess of 20	581	40	581	40	property	ng each patent assignment per (times number of properties)	40.00	
102 80 202 40 Independent claims in excess of 3	146	710	246	355	Filing a	submission after final rejection R § 1 129(a))		
104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355		h additional invention to be		
109 80 209 40 ** Reissue independent claims over original patent			4-10	300	examin	ed (37 CFR § 1 129(b))		

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Other fee (specify) .....

\*Reduced by Basic Filing Fee Paid

 179
 710
 279
 355
 Request for Continued Examination (RCE)

 169
 900
 169
 900
 Request for expedited examination of a design application

(\$) 750.00

SUBTOTAL (3)

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Burden Hour Statement. This form is extended to take 0.2 hours to complete 1 may vell vary depending upon the reade of the individual case. Any comments on the complete the rectified to the complete time form should be sear to the Chief Information Ordinor. U.S. Patent and Trackmark Office. Washington, DC 20031 1.00 No.17 Seak OF 1285. OF CA. Masterial Commissions for Potentials, Washington, DC 20031 1.00 No.17 Seak OF 1285. OF CA. Masterials Commissions for Potentials, Washington, DC 20031 1.00 No.17 Seak OF 1285. OF CA. Masterials Commissions for Potentials, Washington, DC 20031 1.00 No.17 Seak OF 1285. OF CA. Masterials Commissions for Potentials, Washington, DC 20031 1.00 No.17 Seak OF 1285. OF CA. Washington, DC 20031 1.00 No.17 Seak OF 128